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Foliar Nutritional

GUARANTEED ANALYSIS

Total Nitrogen (N).....5.00%
5.00% Urea Nitrogen

Derived from urea and kelp extracts (ascophyllum nodosum)

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Inside Panel for Additional Precautionary Statements.

-KEEP FROM FREEZING-

NET CONTENTS: 2.5 gal (9.46 L) SN 0110/1111

250 gal. (946.25 L)

275 gal. (1040.99 L)

Bulk:

NET WEIGHT: 21.75 lbs (9.87 kg) WEIGHT PER GALLON: 8.7 lbs (3.95 kg)

Formulated with:



Information about the components of this lot of fertilizer may be obtained by writing to Helena Chemical Company, 225 Schilling Boulevard, Suite 300, Collierville, TN 38017 and giving the lot number which is found on the container.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.htm>.

F224

MANUFACTURED FOR

HELENA CHEMICAL COMPANY
225 SCHILLING BOULEVARD, SUITE 300
COLLIERVILLE, TN 38017

PRECAUTIONARY STATEMENT

CAUTION

BEFORE USING THIS PRODUCT, READ ALL PRECAUTIONS, CONDITIONS OF SALE-LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES.

Avoid contact with formulated product. Do not take internally. Avoid contact with or inhalation of the spray mist. If product is being mixed with pesticides and/or spray adjuvants, follow all precautionary statements on the accompanying product(s) labeling.

WHAT TO DO IN CASE OF CONTACT:

IF SWALLOWED: Wash out mouth with water. Do not give anything to drink. Obtain medical attention.

IF IN EYES: Flush eyes with water for at least 15 minutes while holding the eyelids open. If irritation develops, seek medical attention.

IF ON SKIN: Remove contaminated clothing. Wash affected area with soap and water. If irritation develops, seek medical attention.

IF INHALED: Move to fresh air. If irritation persists, seek medical attention. If there is contact made with the spray solution containing pesticides and/or spray adjuvants, follow the "Statement for Practical Treatment/First Aid" on the product(s) labeling.

GENERAL INFORMATION

Foliar fertilization is intended as a supplement to a regular fertilization program and will not, by itself, provide all the nutrients normally required by crops or other intended plants. UTILIZE® is a liquid foliar formulation of urea nitrogen combined with Goemar®.

COMPATIBILITY

UTILIZE® is compatible with most fungicides and insecticides, provided they are used in accordance with the registered label directions. Some compatibility problems may occur with alkaline mixtures (lime sulfur) and with spreader stickers containing ethanol. When there is a question of compatibility prior to charging the spray tank, use the "jar

compatibility test" in the following manner. Add 30 fl. oz. (20 parts) water to a glass jar with at least one quart capacity, then add 1.5 fl. oz. (1/3 part) of the products to be tank mixed. Shake well and allow to stand for at least 5 minutes. Observe to determine if any flocculation, precipitation, or unusual settling out occurs. If flocculation, precipitation, or other incompatible properties, etc. occur, do not tank mix UTILIZE® with this product. Select another product with suitable compatibility properties.

DIRECTIONS FOR USE

SHAKE CONTAINER WELL, add UTILIZE® to partially filled spray tank by pouring through sieve or strainer. Wash any residual UTILIZE® through sieve or strainer with remaining water. All other spray materials should be added prior to UTILIZE®.

UTILIZE® may be applied diluted for conventional ground foliar applications (50 - 500 gallons of water per acre) or at high concentrations for ground low volume or aerial applications (1 to 20 gallons of water per acre).

In the case of very alkaline spray water (pH 7.5 to 8.0), it is strongly recommended to use an acidifying or buffering agent to lower the pH of the mixture down to 6.5 - 7.0.

CROP RATE RECOMMENDATIONS

ROW CROPS

COTTON: 8 ounces/acre. One application: 1) Early to mid bloom.

CEREAL CROPS: 5 - 8 ounces/acre at reproductive growth stages

CORN: 5 - 8 ounces/acre VT to R2 growth stage

PEANUTS: 8 ounces/acre. Two applications: 1) Early Bloom to pegging. 2) 10 - 14 days after.

OIL SEED CROPS

SOYBEANS: 8 ounces/acre. One application at bloom (R1-R5)

CANOLA: 8 ounces/acre. One application at stem elongation

FLAX: 8 ounces/acre. One application at onset of flowering

CAMELINA: 8 ounces/acre. One application at budding

MUSTARD: 8 ounces/acre. One application at early bloom

SUNFLOWER: 10 ounces/acre. One application: 1) 3 pairs of true leaves to flower bud appearance.

VEGETABLE CROPS

SWEET POTATOES: 12 ounces/acre. Two applications: 1) 100% sprouting. 2) 15 days after first treatment.

SUGAR BEETS: 12 ounces/acre. Two applications: 1) 8-10 leaf stage. 2) 15 days after first treatment.

POTATOES: 12 ounces/acre. Two applications: 1) 100% sprouting. 2) 15 days after first treatment.

FRUITING VEGETABLES: 12 ounces/acre. Use as needed during the growing season.

TOMATOES, PEPPERS, CUCURBITS AND OTHER FRUITING VEGETABLES (INCLUDING OKRA): 12 ounces/acre. Three applications: 1) At first flower 2) 7 - 14 days later 3) 7 - 14 days later

SNAP BEANS, PEAS AND OTHER LEGUMES: 12 ounces/acre. Two applications: 1) At first bloom 2) At first pod

FRUIT CROPS

APPLES & PEARS: 12 ounces/acre. Three applications: 1) Pre-bloom. 2) Early king bloom (for apples)/bloom (for pears). 3) Post bloom (petal fall - fruit set).

STONE FRUIT (Peaches, Nectarines, Apricots, Plums): 12 ounces/acre. Three applications 1) Early bloom. 2) Petal fall. 3) 10 - 20 days later (dependent upon variety).

GRAPES (Raisin, Table and Wine): 8 ounces/acre. Three applications: 1) 12 - 18 inch shoot growth. 2) At bloom stage. 3) After fruit set.

Concord, Niagara and other American cultivars: 8 ounces/acre. Two applications: 1) Early bloom. 2) Full bloom.

CHERRIES: 16 ounces/acre. Three applications: 1) At first white flower. 2) At petal fall. 3) At shuck fall.

CITRUS: 10 - 12 ounces/acre. As needed during the growing season.

STRAWBERRIES: 8 ounces/acre/application. 1) Within 14 days of transplant. 2) 7 - 14 days later. 3) Subsequent applications: Every 7 - 14 days thereafter.

SPECIALTY CROPS

TURF - ALL WARM AND COOL SEASON GRASS SPECIES: Use 8 ounces/acre per month in single application. Water volume: Apply in a minimum of 50 gallons of water per acre by ground. Do not apply through irrigation systems.

ORNAMENTALS - LANDSCAPE OR PRODUCTION ORNAMENTALS: Use 10 ounces per 100 gallons of water foliar applied. Apply on a monthly basis for overall plant maintenance.

ROOT DIP: Mix up to a 1 - 1.5% v/v (1 - 1.5 gallons per 100 gallons of water) solution of UTILIZE® for bare root dip solution. Do not exceed this rate.

CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

Read the Conditions of Sale - Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.

Disclaimer: Always refer to the label on the product before using Helena or any other product.

This label is believed to be reliable and should be followed carefully. Injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Chemical Company's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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